

Polychlorinated Biphenyls (PCBs) in Alaskan Fish, 2001-2012

Concentrations in parts/billion wet weight

		N	Congener 153			Total PCBs		
			Mean ± Std Dev	Median	Range	Mean ± Std Dev	Median	Range
Pacific Halibut	Fillet	61	1.02 ± 1.3	0.52	0.053 - 5.6	7.3 ± 8.7	3.9	0.37 - 38
Pacific Cod	Fillet	25	0.10 ± 0.10	0.10	0.023 - 0.48	0.57 ± 0.37	0.48	0.15 - 1.6
Sablefish	Fillet	39	3.7 ± 4.3	2.7	0.081 - 17	30 ± 31	23	0.91 - 120
	Whole	5	8.1 ± 6.5	5.5	1.6 - 17	65 ± 43	50	17 - 120
Walleye Pollock	Fillet	16	0.06 ± 0.066	0.031	0.009 - 0.26	0.79 ± 0.63	0.59	0.27 - 2.5
Dusky Rockfish	Fillet	15	0.23 ± 0.60	0.058	0.014 - 2.4	1.5 ± 3.2	0.63	0.20 - 13
Starry Flounder	Fillet	1			0.36			3.1
Capelin	Whole Composite	1			0.073			1.1
Eulachon	Whole Composite	7	0.13 ± 0.014	0.13	0.11 - 0.15	2.6 ± 0.21	2.6	2.3 - 3.0
Pacific Herring	Whole Composite	11	0.20 ± 0.046	0.21	0.10 - 0.26	3.2 ± 0.90	3.4	1.1 - 4.3
Sand Lance	Whole Composite	1			0.10			1.2
Salmon Shark	Fillet	8	12 ± 9.6	8.5	3.9 - 32	77 ± 53	62	26 - 180
Sleeper Shark	Fillet	1			7.4			52
Chinook Salmon	Fry Composite	6	0.25 ± 0.17	0.19	0.14 - 0.59	2.2 ± 1.8	1.4	1.2 - 5.8
	Juvenile	3	0.07 ± 0.011	0.064	0.063 - 0.083	0.64 ± 0.053	0.61	0.61 - 0.70
	Fillet	77	0.88 ± 0.41	0.84	0.18 - 2.4	11 ± 4.9	11	2.4 - 25
	Whole	15	1.3 ± 0.57	1.0	0.61 - 2.3	17 ± 6.3	15	9.1 - 29
Sockeye Salmon	Eggs	2		0.33	0.17 - 0.49		5.7	2.7 - 8.7
	Fillet	71	0.54 ± 0.46	0.30	0.017 - 2.0	6.8 ± 5.6	4.4	0.24 - 23
	Whole	20	0.54 ± 0.29	0.49	0.15 - 1.3	7.1 ± 3.5	6.5	2.2 - 17
Coho Salmon	Eggs	15	0.32 ± 0.10	0.29	0.22 - 0.55	4.6 ± 1.2	4.2	3.2 - 7.9
	Fry Composite	4	0.15 ± 0.10	0.13	0.07 - 0.27	1.4 ± 0.71	1.3	0.73 - 2.1
	Juvenile	7	0.26 ± 0.14	0.30	0.093 - 0.44	2.6 ± 1.5	3.0	0.89 - 4.8
	Fillet	110	0.10 ± 0.049	0.10	0.027 - 0.31	1.3 ± 0.56	1.3	0.40 - 2.9
	Whole	60	0.28 ± 0.082	0.26	0.15 - 0.53	3.7 ± 0.79	3.6	2.3 - 5.8
Chum Salmon	Fillet	58	0.13 ± 0.095	0.10	0.035 - 0.61	1.8 ± 1.4	1.3	0.50 - 7.8
	Whole	2		0.22	0.21 - 0.24		2.8	2.0 - 3.6
Pink salmon	Fillet	34	0.08 ± 0.030	0.081	0.028 - 0.16	1.1 ± 0.39	1.1	0.44 - 2.4
Arctic Char	Fillet	1			4.8			25
Dolly varden	Fillet	1			1.1			9.7
Lake Trout	Fillet	11	2.1 ± 1.4	1.9	0.59 - 4.7	16 ± 9.1	15	5.2 - 32
	Whole	2		13	6.8 - 18		76	36 - 120
Humpback Whitefish	Fillet	2		0.19	0.053 - 0.32		1.7	0.42 - 2.9
	Whole	2		0.29	0.15 - 0.44		2.6	1.2 - 3.9
Sheefish	Fillet	8	0.35 ± 0.16	0.35	0.094 - 0.55	3.0 ± 1.4	3.2	0.80 - 4.7
Northern Pike	Fillet	10	0.07 ± 0.055	0.07	0.030 - 0.22	0.53 ± 0.40	0.46	0.23 - 1.6
	Whole	10	0.57 ± 0.43	0.46	0.28 - 1.8	4.0 ± 3.2	3.2	1.8 - 13